Addendum to Endorsement Certificate 2025-03-27

Australian Multibeam Guidelines [Version 2].

Citation: Picard, K., Leplastrier, A., Austine, K., Bergersen, N., Cullen, R., Dando, N., Donohue, D., Edwards, S., Ingleton, T., Jordan, A., Lucieer, V., Parnum, I., Siwabessy, J., Spinoccia, M., Talbot-Smith, R., Waterson, C., Barrett, N., Beaman, R., Bergersen, D., Boyd, M., Brace, B., Brooke, B., Cantrill, O., Case, M., Dunne, S., Fellows, M., Harris, U., Ierodiaconou. D., Johnstone, E., Kennedy, P., Lewis, A., Lytton, S., Mackay, K., McLennan, S., Mitchell, C., Nichol, S., Post, A., Price, A., Przeslawski, R., Pugsley, L., Quadros, N., Smith, J., Stewart, W., Sullivan J., Tran, M. and Whiteway, T. (2020) *Australian Multibeam Guidelines [Version 2].* Canberra, Australia, AusSeaBed/Geoscience Australia, 67pp. (GA Record 2018/19 Verson 2). DOI: http://dx.doi.org/10.11636/Record.2018.019 https://repository.oceanbestpractices.org/handle/11329/553.4

Author(s): Picard, K., Leplastrier, A., Austine, K., Bergersen, N., Cullen, R., Dando, N., Donohue, D., Edwards, S., Ingleton, T., Jordan, A., Lucieer, V., Parnum, I., Siwabessy, J., Spinoccia, M., Talbot-Smith, R., Waterson, C., Barrett, N., Beaman, R., Bergersen, D., Boyd, M., Brace, B., Brooke, B., Cantrill, O., Case, M., Dunne, S., Fellows, M., Harris, U., Ierodiaconou. D., Johnstone, E., Kennedy, P., Lewis, A., Lytton, S., Mackay, K., McLennan, S., Mitchell, C., Nichol, S., Post, A., Price, A., Przeslawski, R., Pugsley, L., Quadros, N., Smith, J., Stewart, W., Sullivan J., Tran, M. and Whiteway, T.

Organization: AusSeabed

Endorsement date: 27 Mar 2025

DOI Identifier: http://dx.doi.org/10.11636/Record.2018.019

OBPS Repository URL:
https://repository.oceanbestpractices.org/handle/11329/553.4

Brief description of AusSeabed review process:
External experts approached for review of the guidelines in addition to documentation being peer reviewed by the ASC prior to final endorsement and release.
Version 1 of the Australian Multibeam Guidelines was developed across two community workshops that identified and prepared content of greatest utility in standardising the Australian seabed mapping community's approach to planning, acquisition, processing and dissemination. Individual sections were refined by Geoscience Australia and then sent back to the community for review. Refined sections were synthesised into a single document which was reviewed in its entirety by three co-authors before being distributed to two independent reviewers for full reviews. Following independent reviews an additional internal review was conducted as per GA publishing procedures.
Version 2 was distributed to co-authors for review after minor updates to most sections reflecting evolution of data processes and community protocols.
Final review conducted by Geoscience Australia before updating the guideline in online repositories prior to public release.

The OBPS best practice endorsement process [DOI: https://doi.org/10.25607/OBP-1983] has been developed by OBPS in conjunction with GOOS.

The aim of endorsement is for recognized ocean organizations to follow a systematic process for community inputs to their practices and sufficient practice documentation to share methods leading to uptake by the broader ocean community. In this process, an organization makes a definitive claim that it believes the practice is "worthy of endorsement", providing evidence and justification for that claim.

The endorsed methods can range from standard operating procedures to field manuals. Following best practices improves the reproducibility of science research, and interoperability across disciplines and datasets by standardizing methods and data collection, data management, and applications.

The endorsed document has been through a strong community process, whereby they have been adopted and used by multiple organizations and represents a basis for use in the ocean community.

[End of Addendum]